

WHAT IS CLAIMED IS:

1 1. A method of developing topography based management
2 systems, said method comprising:
3 analyzing a topography design corresponding to a
4 topography;
5 identifying one or more topography requirements based
6 on the analysis;
7 creating topography components corresponding to the
8 identified topography requirements, wherein each
9 of the components is adapted to interoperate with
10 one or more operating environments; and
11 storing component data in a topography data store, the
12 component data describing one or more of the
13 components.

1 2. The method as described in claim 1 further comprising:
2 creating a topography neutral application component,
3 wherein the topography neutral application
4 component is adapted to interoperate with more
5 than one topography.

1 3. The method as described in claim 1 wherein at least
2 one of the topography requirements is selected from
3 the group consisting of a communication framework, a
4 deployment mechanism, a security infrastructure, and
5 an operation conduit.

1 4. The method as described in claim 1 wherein the
2 component data includes one or more fields selected
3 from the group consisting of a component identifier, a
4 target platform, a development environment, a control
5 model, a topography scale, a management style, a
6 component dependency, a component placement, a

7 component packaging data, a component bundling data, a
8 component build option, and a component runtime
9 option.

1 5. The method as described in claim 1 further comprising:
2 saving each component in a component library;
3 wherein the storing further includes writing a record
4 in a database file, each record corresponding to
5 a distinct component.

1 6. The method as described in claim 1 further comprising:
2 identifying one or more client attributes
3 corresponding to a client;
4 comparing the identified client attributes to the
5 topography components; and
6 selecting one or more topography components based on
7 the comparing.

1 7. The method as described in claim 6 further comprising:
2 installing the selected topographical components on
3 one or more client computer systems.

1 8. An information handling system comprising:
2 one or more processors;
3 a memory accessible by the processors;
4 one or more nonvolatile storage devices accessible by
5 the processors;
6 a topography development tool to develop a topography
7 on one or more client computer systems, the
8 topography development tool including:
9 means for analyzing a topography design
10 corresponding to a topography;

11 means for identifying one or more topography
12 requirements based on the analysis;
13 means for creating topography components
14 corresponding to the identified topography
15 requirements, wherein each of the components
16 is adapted to interoperate with one or more
17 operating environments; and
18 means for storing component data in a topography
19 data store, the component data describing
20 one or more of the components.

1 9. The information handling system as described in claim
2 8 further comprising:
3 means for creating a topography neutral application
4 component, wherein the topography neutral
5 application component is adapted to interoperate
6 with more than one topography.

1 10. The information handling system as described in claim
2 8 wherein at least one of the topography requirements
3 is selected from the group consisting of a
4 communication framework, a deployment mechanism, a
5 security infrastructure, and an operation conduit.

1 11. The information handling system as described in claim
2 8 wherein the component data includes one or more
3 fields selected from the group consisting of a
4 component identifier, a target platform, a development
5 environment, a control model, a topography scale, a
6 management style, a component dependency, a component
7 placement, a component packaging data, a component
8 bundling data, a component build option, and a
9 component runtime option.

1 12. The information handling system as described in claim
2 8 further comprising:
3 means for saving each component in a component
4 library;
5 wherein the means for storing further includes means
6 for writing a record in a database file, each
7 record corresponding to a distinct component.

1 13. The information handling system as described in claim
2 8 further comprising:
3 means for identifying one or more client attributes
4 corresponding to a client;
5 means for comparing the identified client attributes
6 to the topography components;
7 means for selecting one or more topography components
8 based on the comparing; and
9 means for installing the selected topographical
10 components on one or more client computer
11 systems.

1 14. A computer program product stored in a computer
2 operable media for analyzing a topography design, said
3 computer program product comprising:
4 means for analyzing a topography design corresponding
5 to a topography;
6 means for identifying one or more topography
7 requirements based on the analysis;
8 means for creating topography components corresponding
9 to the identified topography requirements,
10 wherein each of the components is adapted to
11 interoperate with one or more operating
12 environments; and

13 means for storing component data in a topography data
14 store, the component data describing one or more
15 of the components.

1 15. The computer program product as described in claim 14
2 further comprising:

3 means for creating a topography neutral application
4 component, wherein the topography neutral
5 application component is adapted to interoperate
6 with more than one topography.

1 16. The computer program product as described in claim 14
2 wherein at least one of the topography requirements is
3 selected from the group consisting of a communication
4 framework, a deployment mechanism, a security
5 infrastructure, and an operation conduit.

1 17. The computer program product as described in claim 14
2 wherein the component data includes one or more fields
3 selected from the group consisting of a component
4 identifier, a target platform, a development
5 environment, a control model, a topography scale, a
6 management style, a component dependency, a component
7 placement, a component packaging data, a component
8 bundling data, a component build option, and a
9 component runtime option.

1 18. The computer program product as described in claim 14
2 further comprising:
3 means for saving each component in a component
4 library;

wherein the means for storing further includes means for writing a record in a database file, each record corresponding to a distinct component.

19. The computer program product as described in claim 14 further comprising:

- means for identifying one or more client attributes corresponding to a client;
- means for comparing the identified client attributes to the topography components; and
- means for selecting one or more topography components based on the comparing.

20. The computer program product as described in claim 19 further comprising:
means for installing the selected topographical components on one or more client computer systems.